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Sequence Listing was accepted.

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Reviewer: Durreshwar Anjum

Timestamp: Tue May 29 13:50:20 EDT 2007

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Application No: 10578839 Version No: 1.0

Input Set:

Output Set:

Started: 2007-05-25 20:45:23.036
Finished: 2007-05-25 20:45:24.394
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 358 ms
Total Warnings: 10
Total Errors: 0
No. of SeqIDs Defined: 11
Actual SeqID Count: 11

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W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
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SEQUENCE LISTINGS

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<120> CANCER CELL TARGETING GENE DELIVERY METHOD

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<141> 2007-05-25

<150> US 10/578,839

<151> 2006-05-10

<150> KR 10-2003-0079897

<151> 2003-11-12

<150> PCT/KR2004/000545

<151> 2004-03-15

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tcccaaactg gagacgttgt ctgggataca aaggcagtc agcccccttg gacttgggtg 240

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<223> heavy chain (H) variable region

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ctggctgtgt ctctgggcga gagggccacc atcaactgca agtccagcca gagtgtttta 480

tacagcagca acaataagaa ctacttagct tggtagcagc agaaaccagg acagcctcct 540

aagctgctca tttactgggc atctaccgga gaatccgggg tcctgaccg attcagtggc 600

agcgggtctg ggacagattt cactctcacc atcagcagcc tgcaggctga agatgtggca 660

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<213> Artificial sequence

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<210> 10
<211> 2871
<212> DNA
<213> Artificial Sequence

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<223> ScFv-GaLV Env GP chimeric peptide (FvGEL199) DNA

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ggaaccgatg tctcgtcttc taaacgagtc agacctccgg actcagacta tactgccgct 360

tataagcaaa tcacctgggg agccataggg tgcagctacc ctgggctag gactagaatg 420

gcaagctcta ctttctacgt atgtccccgg gatggccgga ccctttcaga agctagaagg 480

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 <212> PRT
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 <223> ScFv-GaLV Env GP chimeric ligand (FvGEL199)

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		50					55					60				
Asp	Val	Val	Trp	Asp	Thr	Lys	Ala	Val	Gln	Pro	Pro	Trp	Thr	Trp	Trp	
65						70					75					80
Pro	Thr	Leu	Lys	Pro	Asp	Val	Cys	Ala	Leu	Ala	Ala	Ser	Leu	Glu	Ser	
				85					90					95		
Trp	Asp	Ile	Pro	Gly	Thr	Asp	Val	Ser	Ser	Ser	Lys	Arg	Val	Arg	Pro	
				100					105					110		
Pro	Asp	Ser	Asp	Tyr	Thr	Ala	Ala	Tyr	Lys	Gln	Ile	Thr	Trp	Gly	Ala	
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Ile	Gly	Cys	Ser	Tyr	Pro	Arg	Ala	Arg	Thr	Arg	Met	Ala	Ser	Ser	Thr	
130						135					140					
Phe	Tyr	Val	Cys	Pro	Arg	Asp	Gly	Arg	Thr	Leu	Ser	Glu	Ala	Arg	Arg	
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Cys	Gly	Gly	Leu	Glu	Ser	Leu	Tyr	Cys	Lys	Glu	Trp	Asp	Cys	Glu	Thr	
				165					170					175		
Thr	Gly	Thr	Gly	Tyr	Trp	Leu	Ser	Lys	Ser	Ser	Lys	Asp	Leu	Ile	Thr	
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Leu	Leu	Leu	Leu	Leu	Ile	Leu	Gly	Pro	Cys	Ile	Ile	Asn	Lys	Leu	Val	915	920	925
Gln	Phe	Ile	Asn	Asp	Arg	Ile	Ser	Ala	Val	Lys	Ile	Leu	Val	Leu	Arg	930	935	940

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945 950 955